

Serial No.: 10/721,068
Atty. Docket No.: P69278US0

IN THE ABSTRACT:

Applicants have provided herewith a replacement abstract on a separate sheet. The original abstract has been amended as follows:

--Abstract

A paste unit ~~(3)~~ for a bottom guide device for gluing bottom warps or star seal bottom bags, which are formed of tube sections, is introduced. ~~The paste unit (3) serves for the glueing of bottom warps, or star seal bottom bags. The paste unit's characteristics are a~~ unit includes an interchangeable glue reservoir (1), or a and glue source nozzle (5), a metering roller (2), a glue application roller (3), as well as a making roller (4). Drive ~~means~~ mechanisms are assigned to the rollers. The
~~-----Innovating and inventive is the fact that the glue (9) is~~
transferred to the printing roller ~~(4)~~ by the glue application roller ~~(3)~~. The paste unit may be operated with the glue reservoir to provide a ~~This closed system provides the advantage that~~ allows the glue (9) is to be applied evenly, and ~~that~~ the metering ~~can to~~ be adjusted at a very fine setting. Alternatively, with the glue source nozzle installed, the paste unit functions as an open system, which is beneficial for use with certain types of glue.

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~~Furthermore, no glue (9) can be discharged to the environment of
the paste unit.~~

~~(Figure 1)~~

ABSTRACT

A paste unit for a bottom guide device for gluing bottom warps or star seal bottom bags, which are formed of tube sections, is introduced. The paste unit includes an interchangeable glue reservoir and glue source nozzle, a metering roller, a glue application roller, as well as a making roller. Drive mechanisms are assigned to the rollers. The glue is transferred to the printing roller by the glue application roller. The paste unit may be operated with the glue reservoir to provide a closed system that allows the glue to be applied evenly, and the metering to be adjusted at a very fine setting. Alternatively, with the glue source nozzle installed, the paste unit functions as an open system, which is beneficial for use with certain types of glue.